

? show files;ds

File 15:ABI/Inform(R) 1971-2006/Sep 14  
 (c) 2006 ProQuest Info&Learning  
 File 16:Gale Group PROMT(R) 1990-2006/Sep 13  
 (c) 2006 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2006/Sep 14  
 (c)2006 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2006/Sep 13  
 (c) 2006 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2006/Sep 13  
 (c) 2006 The Gale Group  
 File 9:Business & Industry(R) Jul/1994-2006/Sep 13  
 (c) 2006 The Gale Group  
 File 20:Dialog Global Reporter 1997-2006/Sep 14  
 (c) 2006 Dialog  
 File 476:Financial Times Fulltext 1982-2006/Sep 15  
 (c) 2006 Financial Times Ltd  
 File 610:Business Wire 1999-2006/Sep 14  
 (c) 2006 Business Wire.  
 File 613:PR Newswire 1999-2006/Sep 14  
 (c) 2006 PR Newswire Association Inc  
 File 24:CSA Life Sciences Abstracts 1966-2006/Aug  
 (c) 2006 CSA.  
 File 634:San Jose Mercury Jun 1985-2006/Sep 13  
 (c) 2006 San Jose Mercury News  
 File 636:Gale Group Newsletter DB(TM) 1987-2006/Sep 13  
 (c) 2006 The Gale Group  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
 File 13:BAMP 2006/Sep w1  
 (c) 2006 The Gale Group  
 File 75:TGG Management Contents(R) 86-2006/Sep w1  
 (c) 2006 The Gale Group  
 File 95:TEME-Technology & Management 1989-2006/Sep w2  
 (c) 2006 FIZ TECHNIK  
 File 348:EUROPEAN PATENTS 1978-2006/ 200637  
 (c) 2006 European Patent Office  
 File 349:PCT FULLTEXT 1979-2006/UB=20060907UT=20060831  
 (c) 2006 WIPO/Thomson

Set	Items	Description
S1	23368	(REVERS? OR INSIDE()OUT OR BACKWARD OR INVERT? OR REVERT? - OR TRANSPOS? OR INTERCHANG? OR REGRESS? OR MIRROR? OR ISOMER? OR RESONANCE? OR RESONAT? OR RACEMIC? OR EXCHANG?) (5N) (STAR OR STARS OR SNOWFLAKE? ? OR SNOW()FLAKE? ? OR LOCI OR NODE? ?)
S2	93048	EXTRACTION()TRANSFORMATION(2W)LOADING OR ETL OR DATA()ENAB- LING()TECHNOLOG? OR DET
S3	6440	EXTRACT?(10N)TRANSFORM?(10N)LOAD?
S4	1069156	OLAP OR MOLAP OR ROLAP OR (ONLINE OR ON()LINE)()ANALYTICAL- ()PROCESSING OR VISUALI? OR GRAPH OR GRAPHING OR NAVIGATOR? OR STARBROWSER? OR STAR()BROWSER? OR ARGOUML OR DAVINCI OR GRAP- HVIZ OR GRAVIS OR IMAGIX OR VIBRO OR VIZZANALYZER OR XGVIS
S5	3816	MEDIATED()SCHEMA? OR VIRTUAL(2W)(DATABASE? OR DATA()BASE? - OR RELATIONAL)
S6	538	DATA(2N)WRAPPER? ?
S7	0	S1(50N)(S2 OR S3 OR S6)(50N)S4(50N)S5
S8	0	S1(50N)(S2 OR S3 OR S6)(50N)S5
S9	2	(S2 OR S3 OR S6)(50N)S4(50N)S5
S10	18	(S2 OR S3 OR S6)(50N)S5
S11	3	S1(50N)S5
S12	21	S9:S11

S13 18 (S2 OR S3 OR S6)(50N)S5

S14 21 ~~S12 OR S13~~

S15 13 RD (unique items)

? t15/3,k/all

15/3,K/1 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2006 The Gale Group. All rts. reserv.

09788775 Supplier Number: 86173190 (USE FORMAT 7 FOR FULLTEXT)

Attunity and Embarcadero Technologies Deliver Cost Effective Data

Integration Solutions.

Business Wire, p2483

May 22, 2002

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 811

... Studio, at Embarcadero Technologies. "The real-time access provided by Attunity Connect coupled with the ETL capabilities of DT/Studio solve a number a number of data integration projects, such as...

...solution for real-time access to all enterprise data and legacy applications. Attunity's unique virtual database technology shields application developers and end users from the complexity of disparate data sources and...

15/3,K/2 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2006 The Gale Group. All rts. reserv.

09709349 Supplier Number: 84734537 (USE FORMAT 7 FOR FULLTEXT)

CLUSTERING DELIVERS -- We tried out Exchange 2000 in a high-availability

e-mail network. Before doing the same, you should know about some

pitfalls en route.

Eirich, Brian; Novak, Kevin

Network Computing, p80

April 1, 2002

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2952

... it becomes problematic during a failover, as the secondary node attempts to mount a failed node's EVS (Exchange Virtual System) databases. In an active/passive environment, memory fragmentation is limited to the active node.

We decided...

15/3,K/3 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2006 The Gale Group. All rts. reserv.

06756482 Supplier Number: 56744597 (USE FORMAT 7 FOR FULLTEXT)

Leveraging Legacy Data.(Technology Information)

Lewis, Robert

Enterprise Systems Journal, v14, n10, p70

Oct, 1999

Language: English Record Type: Fulltext Abstract

Document Type: Magazine/Journal; Trade

Word Count: 1917

... a road map of what data exists and how to access it. This enables the virtual database system to create on-demand views of information

combined from multiple sources.

Integrated with the virtual database is a "data transformation" engine that reduces the complexity of data extraction and integration, while off-loading such work from production systems. Transformation engines provide a scalable, multitasking architecture that works asynchronously and includes GUIs for mapping data...

15/3,K/4 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2006 The Gale Group. All rts. reserv.

05934829 Supplier Number: 53180866 (USE FORMAT 7 FOR FULLTEXT)  
SOFTWARE ADVANCES: ENTERWORKS (TM) ENABLES AND INTEGRATES THE VIRTUAL ENTERPRISE.

Manufacturing Automation, v8, n1, pNA  
Nov 1, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1509

... to geographically dispersed and heterogeneously managed operational data, will realize the key benefits of a virtual database.

Integrated with the virtual database is a "data transformation" engine that reduces the complexity of data extraction and integration, while off-loading such functions from production systems. Transformation engines provide a highly scalable, multi-tasking architecture that works asynchronously and includes GUIs (graphical)...

15/3,K/5 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2006 The Gale Group. All rts. reserv.

05774301 Supplier Number: 50262423 (USE FORMAT 7 FOR FULLTEXT)  
Amazon acquires Junglee in commerce portal bid

McKenzie, Matt  
The Seybold Report on Internet Publishing, v3, n1, p22  
Sept, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newsletter; Trade  
Word Count: 911

... SRIP, Vol. 1, No. 12). The system, which treats online information as a vast, distributed "virtual database," applies a series of data wrappers that can gather information from a variety of sources (in this case, employers' recruiting sites...

15/3,K/6 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

14822366 SUPPLIER NUMBER: 89559949 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Data Distribution, Migration, and Repurposing Software Market Will Remain Steady Over the Next Five Years, IDC Says.

PR Newswire, NETH01125072002  
July 25, 2002  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 415 LINE COUNT: 00051

... IDC's current DDMR market definition incorporates five sub-markets: data quality, data profiling, ETML (extract, transform, move, and load), data replication and synchronization, and virtual database

management (DBMS)

15/3,K/7 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

02906938 SUPPLIER NUMBER: 135925516 (USE FORMAT 7 OR 9 FOR FULL TEXT  
)  
How to put the BI in 64 bits?(business intelligence)  
Surveyer, Jacques  
Intelligent Enterprise, 8, 9, 14(2)  
Sept, 2005  
ISSN: 1524-3621 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 668 LINE COUNT: 00058

TEXT:

...an analytic tool can hold in virtual memory, the larger its data sets, such as OLAP cubes, can be--and the faster it can perform. Extract, transform and load (ETL) operations can bypass bandwidth limitations if they can cache large sets of data in virtual memory. A database infrastructure with ample addressing space can better handle compute-intensive activities like concurrent and complex...

15/3,K/8 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

02214834 SUPPLIER NUMBER: 21097587 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Amazon acquires Junglee in commerce portal bid.(PlanetAll) (Company Business and Marketing)  
McKenzie, Matt  
Seybold Report on Internet Publishing, v3, n1, p22(1)  
Sep, 1998  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 992 LINE COUNT: 00081

... SRIP, Vol. 1, No. 12). The system, which treats online information as a vast, distributed "virtual database," applies a series of data wrappers that can gather information from a variety of sources (in this case, employers' recruiting sites...

15/3,K/9 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2006 The Gale Group. All rts. reserv.

03541283 Supplier Number: 122268148 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Market Analysis -- Data Without Borders -- Enterprise information integration provides a single point of access to a melting pot of data sources, in real time. welcome to our world.

Network Computing, p 34  
September 16, 2004  
DOCUMENT TYPE: Journal ISSN: 1046-4468 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2218

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...scale warehouse because of EII's focus on real-time integration and lack of comprehensive ETL (extract / transform / load) functionality.

Another term commonly heard in the same breath as EII is **virtual database**. The implication is that database tables-such as orders, customers and inventory-from multiple sources will be magically accessible over a **virtual database**, represented by an EII platform. Rather, **virtual databases** are containers, like physical databases, that group data constructs, such as tables and views, and...

15/3,K/10 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2006 Business Wire. All rts. reserv.

00719046 20020522142B2802 (USE FORMAT 7 FOR FULLTEXT)  
**Attunity and Embarcadero Technologies Deliver Cost Effective Data Integration Solutions-Advanced ETL Functionality Now Accessible To All Relational, Mainframe and Legacy Data**  
Business Wire  
Wednesday, May 22, 2002 14:32 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 762

...Studio,  
at Embarcadero Technologies. "The real-time access provided by Attunity Connect coupled with the ETL capabilities of DT/Studio solve a number a number  
of data integration projects, such as...

...solution for real-time access  
to all enterprise data and legacy applications. Attunity's unique **virtual database** technology shields application developers and end users from the complexity of disparate data sources and...

15/3,K/11 (Item 2 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2006 Business Wire. All rts. reserv.

00681939 20020318077B8661 (USE FORMAT 7 FOR FULLTEXT)  
**E-XMLMedia Releases Internet Forms Data Entry Software: E-XMLMedia Releases an Implementation of the W3C XFORMS Standard for Internet Based Data Entry Systems**  
Business Wire  
Monday, March 18, 2002 15:45 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 294

...product is compatible with e-XMLMedia's three other products.

The XMLizer product is an **extract - transform - load** tool for exchange between XML  
and SQL databases. The Repository product is an XQuery based repository for XML documents. The Mediator product is an XQuery based "**virtual database**" for federating multiple distributed data sources.

E-XMLMedia will be exhibiting at the Java One...

15/3,K/12 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2006 PR Newswire Association Inc. All rts. reserv.

00801185 20020725NETH011 (USE FORMAT 7 FOR FULLTEXT)

**Data Distribution, Migration, and Repurposing Software Market**

PR Newswire

Thursday, July 25, 2002 07:05 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 508

**TEXT:**

...IDC's current DDMR market definition incorporates five sub-markets: data quality, data profiling, ETML ( **extract** , **transform** , move, and **load** ), data replication and synchronization, and **virtual database** management (DBMS) software. Furthermore, IDC recognizes that additional markets are developing that include semantic mediation...

15/3,K/13 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00901328 \*\*Image available\*\*

**INTEGRATING HETEROGENEOUS DATA AND TOOLS**

**INTEGRATION DE DONNEES ET D'OUTILS HETEROGENES**

**Patent Applicant/Assignee:**

ENTIGEN CORPORATION, 930 Hamlin Court, Sunnyvale, CA 94089, US, US

(Residence), US (Nationality), (For all designated states except: US)

**Patent Applicant/Inventor:**

VLAHOS Harry, 16 Arroyo View Circle, Belmont, CA 94002, US, US

(Residence), US (Nationality), (Designated only for: US)

KASOW Clay M, 565 Arastradero Road, #207, Palo Alto, CA 94306, US, US

(Residence), US (Nationality), (Designated only for: US)

**Legal Representative:**

PHILLIPS John C (agent), Fish & Richardson P.C., 4350 La Jolla Village

Drive, Suite 500, San Diego, CA 92122, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200235395 A2-A3 20020502 (WO 0235395)

Application: WO 2001US46020 20011029 (PCT/WO US0146020)

Priority Application: US 2000244108 20001027

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS

LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext word Count: 15560

**Fulltext Availability:**

Detailed Description

**Detailed Description**

... 36 hosts application logic and provides a link between the web server 34 and the visualization server 12, the processing server 16, and the information server 14. The information server 14 hosts and manages access to the **virtual database** IO.

[0068] Fig. 3 a is a simplified view of an information server 14. The information server 14 may include one or more **data wrappers** 24 which

Ginger R. DeMille

are discussed in more detail below under the heading: Anatomy of a **Data Wrapper** . As illustrated, wrappers 24a, 24b, 24c, and 24d each corresponds to an associated data source...  
?

? show files;ds

File 350:Derwent WPIX 1963-2006/UD=200658  
 (c) 2006 The Thomson Corporation  
 File 344:Chinese Patents Abs Jan 1985-2006/Jan  
 (c) 2006 European Patent Office  
 File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)  
 (c) 2006 JPO & JAPIO  
 File 371:French Patents 1961-2002/BOPI 200209  
 (c) 2002 INPI. All rts. reserv.  
 File 2:INSPEC 1898-2006/Sep w1  
 (c) 2006 Institution of Electrical Engineers  
 File 35:Dissertation Abs Online 1861-2006/Aug  
 (c) 2006 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2006/Sep 14  
 (c) 2006 BLDSC all rts. reserv.  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Jul  
 (c) 2006 The HW wilson Co.  
 File 256:TecInfoSource 82-2006/Dec  
 (c) 2006 Info.Sources Inc  
 File 474:New York Times Abs 1969-2006/Sep 13  
 (c) 2006 The New York Times  
 File 475:Wall Street Journal Abs 1973-2006/Sep 13  
 (c) 2006 The New York Times  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 The Gale Group  
 File 23:CSA Technology Research Database 1963-2006/Aug  
 (c) 2006 CSA.  
 File 56:Computer and Information Systems Abstracts 1966-2006/Aug  
 (c) 2006 CSA.

Set	Items	Description
S1	9518	(REVERS? OR INSIDE()OUT OR BACKWARD OR INVERT? OR REVERT? - OR TRANSPOS? OR INTERCHANG? OR REGRESS? OR MIRROR? OR ISOMER? OR RESONANCE? OR RESONAT? OR RACEMIC? OR EXCHANG?)(5N)(STAR OR STARS OR SNOWFLAKE? ? OR SNOW()FLAKE? ? OR LOCI OR NODE? ?)
S2	8163	EXTRACTION()TRANSFORMATION(2W)LOADING OR ETL OR DATA()ENAB- LING()TECHNOLOG? OR DET
S3	329	EXTRACT?(10N)TRANSFORM?(10N)LOAD?
S4	458195	OLAP OR MOLAP OR ROLAP OR (ONLINE OR ON()LINE)()ANALYTICAL- ()PROCESSING OR VISUALI? OR GRAPH OR GRAPHING OR NAVIGATOR? OR STARBROWSER? OR STAR()BROWSER? OR ARGOUML OR DAVINCI OR GRAP- HVIZ OR GRAVIS OR IMAGIX OR VIBRO OR VIZZANALYZER OR XGVIS
S5	721	MEDIATED()SCHEMA? OR VIRTUAL(2W)(DATABASE? OR DATA()BASE? - OR RELATIONAL)
S6	149	DATA(2N)WRAPPER? ?
S7	0	S1(50N)(S2 OR S3 OR S6)(50N)S4(50N)S5
S8	0	S1(50N)(S2 OR S3 OR S6)(50N)S5
S9	0	(S2 OR S3 OR S6)(50N)S4(50N)S5
S10	2	(S2 OR S3 OR S6)(50N)S5
S11	0	S1(50N)S5
S12	2	S9:S11
S13	2	(S2 OR S3 OR S6)(50N)S5
S14	2	S12 OR S13
S15	2	RD (unique items)
S16	0	S1 AND (S2 OR S3 OR S6) AND S4 AND S5
S17	0	S1 AND (S2 OR S3 OR S6) AND S5
S18	0	(S2 OR S3 OR S6) AND S4 AND S5
S19	3	(S2 OR S3 OR S6) AND S5
S20	0	S1 AND S5
S21	3	S10:S19
S22	3	RD (unique items)
S23	238	S1 AND S2:S6
S24	50	S23 FROM 350,344,347,371
S25	188	S23 NOT S24
S26	122	S25 NOT PY>1999



S27 87 RD (unique items)  
 ? t24/3,k/all; t27/3,k/all

all

24/3,K/1 (Item 1 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2006 The Thomson Corporation. All rts. reserv.

0015639805 - Drawing available  
 WPI ACC NO: 2006-203982/200621  
 XRPX ACC No: N2006-175604

Method of ranking documents using computer system, involves activating strongly connected component corresponding to source in metagraph, and determining link analysis node weight for ranking documents

Patent Assignee: TELENOR ASA (TELE-N)  
 Inventor: BURGESS M; CANRIGHT G; ENGO-MONSEN K  
 Patent Family (2 patents, 109 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 2006023357	A1	20060302	WO 2005US28521	A	20050810	200621 B
US 20060059119	A1	20060316	US 2004918713	A	20040816	200621 E

Priority Applications (no., kind, date): US 2004918713 A 20040816

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2006023357	A1	EN	50	9	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract ...NOVELTY - A metagraph is formed from an original graph containing a link and a node. The graph is modified by adding one link for each pair of linked strongly connect component (SCC...  
 ...ADVANTAGE - Enhances the ability of the hyperlinked graph for accurately representing the true structure of the set of linked documents. Enables to distribute...

#### Original Publication Data by Authority

#### Original Abstracts:

...documents using link analysis, with remedies for sinks, including forming a metagraph from an original graph containing a link and a node ; and one of reversing a link in the metagraph, and pumping a source in the metagraph...

...documents using link analysis, with remedies for sinks, including forming a metagraph from an original graph containing a link and a node ; and one of reversing a link in the metagraph, and pumping a source in the metagraph...

#### Claims:

...for ranking documents using link analysis, without sinks, comprising:forming a metagraph from an original graph containing a link and a node ; and one of reversing a link in the metagraph, and pumping a source in the metagraph.

24/3,K/2 (Item 2 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2006 The Thomson Corporation. All rts. reserv.

0010189193

WPI ACC NO: 2000-499141/200044

XRPX ACC No: N2000-369987

Multi-dimensional report creation for computer database system in office, home, school, involves providing report comprising dimension and fact tables created based on report configuration selection and information

Patent Assignee: METAEDGE CORP (META-N)

Inventor: CHEN L; CHEN L W

Patent Family (6 patents, 89 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2000042530	A1	20000720	WO 2000US1075	A	20000113	200044 B
AU 200028516	A	20000801	AU 200028516	A	20000113	200054 E
EP 1198761	A1	20020424	EP 2000906936	A	20000113	200235 E
			WO 2000US1075	A	20000113	
CN 1347529	A	20020501	CN 2000804065	A	20000113	200252 E
JP 2003523547	W	20030805	JP 2000594037	A	20000113	200353 E
			WO 2000US1075	A	20000113	
US 7007029	B1	20060228	US 1999116016	P	19990115	200616 E
			US 2000483386	A	20000113	

Priority Applications (no., kind, date): US 2000483386 A 20000113; US 2000483385 A 20000113; US 1999116016 P 19990115; US 2000483182 A 20000113

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
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WO 2000042530	A1	EN	51	6	
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National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200028516	A	EN			Based on OPI patent WO 2000042530
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EP 1198761	A1	EN			PCT Application WO 2000US1075
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					Based on OPI patent WO 2000042530
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Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR

					IE IT LI LT LU LV MC MK NL PT RO SE SI
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JP 2003523547	W	JA	59		PCT Application WO 2000US1075
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					Based on OPI patent WO 2000042530
--	--	--	--	--	-----------------------------------

US 7007029	B1	EN			Related to Provisional US 1999116016
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**Original Titles:**

...METHOD FOR VISUALIZING INFORMATION IN A DATA WAREHOUSING ENVIRONMENT  
...

...PROCEDE DE VISUALISATION D'INFORMATIONS DANS UN ENVIRONNEMENT DE DEPOT DE DONNEES...

...System for visualizing information in a data warehousing environment  
...

...METHOD FOR VISUALIZING INFORMATION IN A DATA WAREHOUSING ENVIRONMENT  
...

...PROCEDE DE VISUALISATION D'INFORMATIONS DANS UN ENVIRONNEMENT DE DEPOT DE DONNEES

**Original Publication Data by Authority****Original Abstracts:**

According to the invention, techniques for visualizing customer data (103) contained in databases (6), data marts and data warehouses (8). In an  
...

...or more data sources of an enterprise. The method can be used with many popular visualization tools (21), such as a On Line Analytical Processing ( OLAP ) tools (2) and the like. The method is especially useful in conjunction with a meta...

...According to the invention, techniques for visualizing customer data contained in databases, data marts and data warehouses. In an exemplary embodiment, the...

...or more data sources of an enterprise. The system can be used with many popular visualization tools, such as On Line Analytical Processing ( OLAP ) tools and the like. The system is especially useful in conjunction with a meta-model...

...According to the invention, techniques for visualizing customer data (103) contained in databases (6), data marts and data warehouses (8). In an ...

...or more data sources of an enterprise. The method can be used with many popular visualization tools (21), such as a On Line Analytical Processing ( OLAP ) tools (2) and the like. The method is especially useful in conjunction with a meta...

...L'invention concerne des techniques permettant de visualiser des donnees (103) de client contenues dans des bases (6) de donnees, des magasins et...

...donnees d'une entreprise. Le procede peut etre utilise avec de nombreux outils (21) de visualisation populaires, tels des outils (2) de traitement analytique en ligne ( OLAP ) et analogue. Le procede est specialement utile conjointement avec une technique de metamodelles (103) pour...

**Claims:**

...the third database according to the second mapping;wherein the virtual data model comprises a reverse star schema; anda computer readable storage medium for holding the codes.

24/3,K/24 (Item 24 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0010170569 - Drawing available

WPI ACC NO: 2000-479939/

XRPX ACC No: N2003-624776

Object loading method for database management system, involves generating spanning tree based on search of specific element obtained by decomposition of set of classes, in class reference graph

Patent Assignee: ELECTRONICS & TELECOM RES INST (ELTE-N); KOREA

ELECTRONICS & TELECOM RES INST (KOEL-N)

Inventor: HER D Y; HUH D Y; KIM W S; LEE M Y

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
KR 1999052561	A	19990715	KR 199772054	A	19971222	200042	B
US 6360226	B1	20020319	US 1998137538	A	19980821	200374	ETAB
KR 280830	B	20010201	KR 199772054	A	19971222	200211	E

Priority Applications (no., kind, date): KR 199772054 A 19971222

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 1999052561	A	KO		6	
KR 280830	B	KO			Previously issued patent KR 99052561

06511115/9 [Links](#)

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INSPEC

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06511115 **INSPEC Abstract Number:** A9707-0550-013

**Title:** Star-triangle and star-star relations in statistical mechanics

**Author** Baxter, R.J.

**Author Affiliation:** Dept. of Theor. Phys., Australian Nat. Univ., Canberra, ACT, Australia

**Journal:** International Journal of Modern Physics B **Conference Title:** Int. J. Mod. Phys. B (Singapore) vol.11,  
no.1-2 p. 27-37

**Publisher:** World Scientific ,

**Publication Date:** 20 Jan. 1997 **Country of Publication:** Singapore

**CODEN:** IJPBEV **ISSN:** 0217-9792

**SICI:** 0217-9792(19970120)11:1/2L:27:STSS;1-X

**Material Identity Number:** K812-97002

**Conference Title:** Exactly Soluble Models in Statistical Mechanics: Historical Perspectives and Current Status

**Conference Date:** March 1996 **Conference Location:** Boston, MA, USA

**Language:** English **Document Type:** Conference Paper (PA); Journal Paper (JP)

**Treatment:** Theoretical (T)

**Abstract:** The homogeneous three-layer Zamolodchikov model is equivalent to a four-state model on the checkerboard lattice which closely resembles the four-state critical Potts model, but with some of its Boltzmann weights negated. Here we show that it satisfies a "star-to-reverse-star" (or simply star-star) relation, even though we know of no star-triangle relation for this model. For any nearest-neighbour checkerboard model, we show that this star-star relation is sufficient to ensure that the decimated model (where half the spins have been summed over) satisfies a "twisted" Yang-Baxter relation. This ensures that the transfer matrices of the original model commute in pairs, which is an adequate condition for "solvability". ( 13 Refs)

**Subfile:** A

**Descriptors:** lattice theory; statistical mechanics

**Identifiers:** statistical mechanics; homogeneous three-layer Zamolodchikov model; checkerboard lattice; four-state critical Potts model; Boltzmann weights; star-to-reverse-star relation; star-star relation; star-triangle relation; twisted Yang-Baxter relation; transfer matrices

**Class Codes:** A0550 (Lattice theory and statistics; Ising problems); A0520 (Statistical mechanics)

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